

Analostan Island, Washington, D. C. In the fall of 1924, I gave special attention to the examination of the various species of *Bidens* for forms with upwardly barbed awns. *Bidens connata* var. *anomala* Farwell, the form of *connata* with upwardly barbed awns, already recorded from Washington by Sherff,¹ was found on several occasions, and three new localities for *B. frondosa* var. *anomala* were also discovered. A single plant of the latter form was collected from the river wall of the Potomac in East Potomac Park, and another at Fox Ferry, D. C., across the river from Alexandria. Both these localities might easily have been reached by seeds from the Analostan Island colony. A thriving colony was found on the banks of the Chesapeake and Ohio Canal, between Locks 10 and 12, near Cabin John, Maryland, growing with *B. connata* var. *anomala*. Specimens have been deposited in the Gray Herbarium and the National Herbarium.—S. F. BLAKE, Bureau of Plant Industry, Washington, D. C.

THE THIRD EDITION OF GROUT'S MOSSES WITH A HAND-LENS.—To the amateur and to the professional botanist whose chief interest lies in other groups of plants, the news that Grout's *Mosses with a Hand-Lens* has appeared in a new edition is very welcome. The work itself needs no introduction, for it has been widely used ever since the first edition appeared in 1900. The inclusion of hepatics in the second edition in 1905 made the work much more useful, since the novice frequently collects the leafy hepatics along with his mosses.

In the present edition² the introduction has been rewritten and expanded to three times its former length, making the work more available as an elementary text book of bryology as well as a flora for beginners. The treatment of the Sphagnaceae has been expanded from three to eight pages and that of the other mosses has been revised and four species added.

Dr. M. A. Howe has rewritten the treatment of the hepatics, making it more nearly equal and parallel to that of the mosses. The num-

¹ Bot. Gaz. **64**: 34. 1917. The record of *Bidens bidentoides* (Nutt.) Britton in the "Flora of the District of Columbia and vicinity," Contr. U. S. Nat. Herb. **21**: 289, 1919, is based on the Vasey specimen of *B. connata* var. *anomala* mentioned by Sherff, and on another specimen of the same variety collected near Cabin John, Md., by W. R. Maxon. Genuine *B. bidentoides* has not been found in the District of Columbia region.

² Grout, A. J., Mosses with a hand-lens, third edition, a popular guide to the common or conspicuous mosses and liverworts of the north-eastern United States. Liverworts by M. A. Howe, published by the author, 1 Vine St., New Brighton, Staten Island, New York City. xv + 339 p. [1924]. Price \$3.50.

ber of pages dealing with the former is more than double that of the earlier edition and thirty-four more species are described.

Perhaps the most striking change in the present edition is the addition of about one hundred illustrations. A large number of photographs, by the author and others, showing the habit and occasionally the habitat, have been added. These have been reproduced very well in half-tone and add much to the attractiveness of the work.—

CARROLL W. DODGE, Farlow Herbarium.

The date of the January issue (unpublished as this goes to press) will be announced later.